

BARROWFORD
URBAN DISTRICT COUNCIL.

Annual Reports
OF THE
Medical Officer of Health
AND
Inspector of Nuisances.

February 10th, 1914.

To the CHAIRMAN and MEMBERS

of the

Barrowford Urban District Council.

GISBURN ROAD,

BARROWFORD,

January 24th, 1914.

GENTLEMEN.

I have the pleasure of presenting to you my TWENTY-FIRST ANNUAL REPORT on the Health and Sanitary Condition of the District.

BIRTHS.

During the year ending December 31st, 1913, there have been 115 births registered, 59 boys and 56 girls. This gives an annual birth-rate of 19.9 per 1000 of the population, which is slightly higher than last year, it being then 18.9. The average birth-rate for the past five years equals 21.3.

DEATHS (*see* Table III).

The number of deaths registered during the year of persons belonging to the district was 79. 44 males and 35 females, giving an annual death-rate of 13.6 per 1000 of the population, compared with 12.9 last year and 10.1 the previous year.

The average death-rate for the five years 1908-1912 was 11.7.

The following table shows at what ages the deaths occurred :

Deaths under 1 year.....	10	
1 year and under 5 years....	4	
		—Under 5 years... 14
5 years and under 15 years..	5	
15 ,, ,, 25 ,, ..	7	
25 ,, ,, 45 ,, ..	16	
45 ,, ,, 65 ,, ..	17	
65 years and over	20	
		—5 years and over 65
		—
Total	79	—

INFANTILE MORTALITY (*see* Table IV).

The rate of deaths under one year to 1000 births registered is 86, which is the lowest for the past 20 years. The average for the five years 1908–1912 is 127. This in my opinion is due to the greater care in feeding and the using of tubeless bottles.

The number of illegitimate births registered was 3, and there was 1 death of an illegitimate infant during the year.

The death-rate from the principal epidemic diseases per 1000 of the population is .8.

INFECTIOUS DISEASES (*see* Table II).

Under the Infectious Disease Notification Act there have been 19 cases, compared with 9 last year and 14 the previous year.

The cases were :

Diphtheria	16
Erysipelas.....	2
Scarlet Fever	1
	—
Total.....	19
	—

Of pulmonary tuberculosis there were 10 cases notified, 9 of which proved fatal. An explanatory leaflet giving advice to consumptives has been delivered where considered necessary.

DIPHTHERIA.

The 16 cases of Diphtheria were scattered and it could not be termed epidemic. The infection seemed to have spread from the village of Blacko. The cases were isolated at their homes and disinfectants used and the homes fumigated; the greatest care was taken to prevent the spread of the disease.

SANITARY CONDITIONS.

During the year the following plans have been submitted and approved:

4 Plans relating to	25 Dwelling-houses and Shops.
1 Plan	„ 1 Estate Plan.
1 „	„ 2 Sculleries.
3 Plans	„ 3 Alterations.
8 „	„ 8 Miscellaneous.

At the end of the year the number of inhabited houses was 1,525.

The water supply from the Nelson Corporation Reservoirs, owing to the very dry summer, has not been as satisfactory as usual.

SLAUGHTER-HOUSES.

There are 5 slaughter-houses which have been inspected during slaughtering; they are in good order, kept clean, and the ventilation satisfactory.

DAIRIES AND COWSHEDS.

The Dairies are kept clean and the Cowsheds are fairly satisfactory, but some are short of air space and ventilation.

The cattle appear healthy.

There was one case of tubercenlosis in a cow notified. The cow was at once isolated and the milk kept separate, the cow was ultimately slaughtered.

BAKEHOUSES.

These are kept in a clean and satisfactory condition, and are regularly limewashed.

FATORIES.

Insufficient water closet accommodation and the unsanitary conditions of two water closets at one of the factories was found, and is receiving attention.

The flushing arrangement to a water closet at another mill has been remedied.

WORKSHOPS.

The workshops have also been regularly inspected, and the condition was satisfactory.

CANAL BOATS.

Six inspections were made, and they were found particularly clean.

SMOKE NUISANCES.

The time limit allowed for the emission of black smoke is ten minutes per hour.

SEWAGE DISPOSAL WORKS.—Method of treatment, septic tank, single contact filters, intermittent downward land filtration.

DRAINAGE SYSTEM, Character of.—Earthenware pipes.

REFUSE, Disposal of.—Ashes to tips, night soil on land. Houses erected now are supplied with portable covered galvanized iron ash-bins.

CLOSET ACCOMMODATION OF THE DISTRICT.

Waste Water Closets	793
Fresh Water Closets.....	159
Pail Closets	14
Privy Middens.....	39

HOUSING OF THE WORKING CLASSES.

Number of dwelling-houses inspected.....	67
.. .. . unfit for habitation.....	0
.. .. . (closing orders).....	0
.. .. . remedied without closing orders..	0

CHARACTER OF DEFECTS.

General dilapidation, uncleanness of tenants and want of facilities for washing.

There was one case of overcrowding.

The scavenging has been carried out in a very efficient manner, and the cleanliness of the surroundings is satisfactory.

During the year 74 new dwelling-houses were certified, and at the close of the year 8 houses were in course of erection.

New houses are inspected by the Surveyor during the course of erection, and on completion are inspected and the necessary certificate for habitation given in accordance with the Building Bye-Laws adopted by the Council. The bye-laws of the Council require 150 feet of air space at the rear of the dwelling-houses, the front streets to be 36 feet wide, and the back streets varying from 12 to 15 feet wide.

I have the honour to be, gentlemen,

Your obedient servant,

F. DE B. PIM,

Medical Officer of Health.

TABLE 1.

VITAL STATISTICS OF WHOLE DISTRICT DURING
1913 AND PREVIOUS YEARS.

BARROWFORD URBAN DISTRICT.

YEAR	POPULATION ESTIMATED TO MIDDLE OF EACH YEAR	BIRTHS			TOTAL DEATHS REGISTERED IN THE DISTRICT		TRANS- FERABLE DEATHS		NETT DEATHS BELONGING TO THE DISTRICT			
							OF NON-RESIDENTS REGISTERED IN THE DISTRICT	OF RESIDENTS NOT REGISTERED IN THE DISTRICT	UNDER 1 YEAR OF AGE		AT ALL AGES	
		UNCORRECTED NUMBER	NETT		NO.	RATE PER THOUSAND NET BIRTHS			NO.	RATE.		
			NO.	RATE		NO.					RATE	
1	2	3	4	5	6	7	8	9	10	11	12	13
1908	5500	133	133	21.1	74	13.6			21	157	74	13.6
1909	5700	123	125	25.5	51	8.9		3	14	112	54	9.4
1910	5700	105	105	18.9	71	12.4		3	12	114	73	12.8
1911	5530	124	124	22.4	54	9.7	2	4	14	112	56	10.1
1912	5550	105	105	18.9	69	12.4	1	4	15	142	72	12.9
1913	5790	115	115	19.9	69	11.9	2	12	10	86	79	13.6

Area of District in acres (exclusive of area covered by water) 138

Total population at all ages.....	5,527	} At Census 1911
Number of inhabited houses.....	1,436	
Average number of persons per house.....	3.8	

TABLE II.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE
YEAR 1913.

BARROWFORD URBAN DISTRICT.

NOTIFIABLE DISEASE	NUMBER OF CASES NOTIFIED							
	AT ALL AGES	AT AGES—YEARS					47 TO 65 and 65 OVER	
		UNDER 1	1 TO 5	5 TO 15	15 TO 25	25 TO 45		
Diphtheria (in- cluding Mem- branous croup)..	16	..	2	14	..	..	..	..
Erysipelas.....	2	..	..	..	..	..	2	..
Scarlet Fever.....	1	..	..	1	..	..	..	..
Pulmonary Tuberculosis..	10	..	..	1	3	5	1	..
Totals.....	29	..	2	16	3	5	3	..

TABLE III.
CAUSES OF, AND AGES AT DEATH DURING THE YEAR 1913.
BARROWFORD URBAN DISTRICT.

CAUSES OF DEATH.	NETT DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING WITHIN OR WITHOUT THE DISTRICT								
	All ages.	Under 1 year	1 and under 2 years	2 and under 5 years	5 and under 15 yrs	15 and under 25 yrs	25 and under 45 yrs	45 and under 65 yrs	65 and upwards
1	2	3	4	5	6	7	8	9	10
All causes (Certified....)	79	10	1	3	5	7	16	17	20
(Uncertified)	..	..	..	..	..	..	..	..	..
1. Enteric Fever.....	..	..	..	..	..	..	..	..	..
2. Small-pox.....	..	..	..	..	..	..	..	..	..
3. Measles.....	..	..	..	..	..	..	..	..	..
4. Scarlet Fever.....	..	..	..	..	..	..	..	..	..
5. Whooping Cough..	..	..	..	..	..	..	..	..	..
6. Diphtheria & Croup	2	..	..	1	1	..	..	..	..
7. Influenza.....	1	..	..	..	..	..	..	..	1
8. Erysipelas.....	..	..	..	..	..	..	..	..	..
9. Phthisis (Pulmonary Tuberculosis)....	9	..	..	..	1	5	2	1	..
10. Tuberculous Meningitis	..	..	..	..	..	..	..	..	..
11. Other Tuberculous Diseases.....	..	..	..	..	..	..	..	..	..
12. Cancer, malignant disease.....	6	..	..	..	..	..	1	5	..
13. Rheumatic Fever..	..	..	..	..	..	..	..	..	..
14. Meningitis.....	2	..	..	..	2	..	..	..	..
15. Organic Heart Disease.....	4	..	..	..	..	..	..	2	2
16. Bronchitis.....	11	2	1	..	..	..	1	3	4
17. Pneumonia (all forms)	2	..	..	..	..	1	..	..	1
18. Other diseases of respiratory organs	1	..	..	..	..	..	..	1	..
19. Diarrhoea and Enteritis.....	3	2	..	1	..	..	..	..	..
20. Appendicitis and Typhlitis.....	2	..	..	..	..	..	2	..	..
21. Cirrhosis of Liver...	2	..	..	..	..	..	1	1	..
21a. Alcoholism.....	..	..	..	..	..	..	..	..	..
22. Nephritis and Bright's Disease..	2	..	..	..	..	..	1	1	..
23. Puerperal Fever...	..	..	..	..	..	..	..	..	..
24. Other accidents and diseases of Pregnancy and Parturition.....	..	..	..	..	..	..	..	..	..
25. Congenital Debility and Malformation, including Premature Birth.....	4	4	..	..	..	..	..	..	..
26. Violent Deaths, excluding Suicide..	..	..	..	..	..	..	..	..	..
27. Suicide.....	..	..	..	..	..	..	..	..	..
28. Other Defined Diseases.....	24	2	..	1	1	1	6	3	10
29. Diseases ill-defined or unknown.....	4	..	..	..	..	..	2	..	2
Totals.....	79	10	1	3	5	7	16	17	20

TABLE IV.

INFANT MORTALITY.

1913. NETT DEATHS FROM STATED CAUSES AT VARIOUS AGES UNDER
1 YEAR OF AGE.

BARROWFORD URBAN DISTRICT.

CAUSE OF DEATH	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-3 Months	3-6 Months	6-9 Months	9-12 Months	Total Deaths under 1 Year
All Causes - (Certified... (Uncertified	1	..	2	2	5	2	2	1	..	10
Convulsions.....	..	..	..	..	..	1	..	..	..	1
Bronchitis.....	..	..	..	..	..	1	1	..	..	2
(Diarrhœa .....	..	..	..	1	1	..	1	..	..	2
(Enteritis .....	..	..	..	1	1	..	1	..	..	2
Congenital Malformations (c)	..	..	..	1	1	..	..	..	..	1
Premature birth.....	1	..	1	..	2	..	..	..	..	2
Atrophy, Debility and Marasmus.....	..	..	1	..	1	..	..	..	..	1
Other Causes.....	..	..	..	..	..	..	..	1	..	1
Totals.....	1	..	2	2	5	2	2	1	..	10

Nett Births in the year— Legitimate..... 112

Illegitimate..... 3

Nett Deaths in the year— Legitimate..... 9

Illegitimate..... 1

BARROWFORD URBAN DISTRICT.

FACTORIES, WORKSHOPS, WORKPLACES, AND
HOMEWORK.

INSPECTION OF FACTORIES, WORKSHOPS, AND WORKPLACES (Including
Inspections made by Sanitary Inspectors or Inspectors of Nuisances).

PREMISES	NUMBER OF	
	INSPECTIONS	WRITTEN NOTICES
Factories (Including Factory Laundries)	10	2
Workshops (Including Workshop Laundries)	23	..
Total	33	2

DEFECTS FOUND IN FACTORIES, WORKSHOPS, AND WORKPLACES.

PARTICULARS	NUMBER OF DEFECTS	
	FOUND	REMEDIED
Want of Cleanliness	0	0
Sanitary Accommodation—		
Insufficient	1	0
Unsuitable or Defective	1	1
Total	2	1

REGISTERED WORKSHOPS.

WORKSHOPS ON THE REGISTER (S. 131) AT THE END OF THE YEAR	NUMBER
Bakehouses	12
Workshops	21
Total number of Workshops on Register	33

COUNCIL OFFICES,

BARROWFORD,

7th January, 1914.

REPORT OF INSPECTOR OF NUISANCES
FOR THE YEAR 1913.

F. DE B. PIM, ESQ.,

Medical Officer of Health, Barrowford.

DEAR SIR,

In accordance with the requirements of the General Order of the Local Government Board, 1910, I beg to report on the work of the Sanitary Department for the year ended December 31st, 1913.

NUISANCES.

The following nuisances have been detected and dealt with during the year:—

Choked drains.....	10
Choked waste water-closets	11
Defective waste water-closets.....	2
House requiring cleaning.....	1
Offensive and defective privy tank....	1
Open ashpit	1
Total	26

21 Preliminary Notices, and one Legal Notice have been served in connection with these: the whole of which have been abated.

SLAUGHTER-HOUSES.

These were visited periodically whilst slaughtering was in progress. They are kept clean, and garbage is removed at frequent intervals. No breach of bye-laws was observed.

BAKEHOUSES.

The bakehouses are regularly inspected, and have been found in a clean and orderly condition.

DAIRIES AND COWSHEDS.

The satisfactory condition in which the cowsheds and cattle are kept has been maintained. The cattle appear healthy, only one case of Tuberculosis in a cow having been notified. I visited the farm and interviewed the owner of the cow referred to, and found that it had already been isolated from the rest of the herd, and that the milk had been kept separate. The cow was ultimately slaughtered.

FATORIES.

Insuffieient W.C. accommodation and the dirty condition of two W.C.'s at one factory was found.

Also insuffieient flushing arrangement to W.C. at another mill.

The former is at present receiving attention, while the latter ease has been remedied.

WORKSHOPS.

Workshops have been inspected, and found in a satisfactory condition.

CANAL BOATS.

6 Inspections of canal boats were made, and in each instance the cabins were found satisfactory.

INFECTIOUS DISEASES.

The following table gives the nature of the Infectious Diseases notified during each of the past four years:—

	1910	1911	1912	1913
Scarlet Fever.....	10 ..	6 ..	3 ..	1
Diphtheria	0 ..	0 ..	2 ..	16
Enteric Fever.....	0 ..	1 ..	0 ..	0
Erysipelas.....	7 ..	7 ..	4 ..	2
Puerperal.....	2 ..	0 ..	0 ..	0
Tuberculosis	Not notifiable.		6 ..	10

Disinfectants and advice have been given in each case, and the disinfection of the premises has been carried out after recovery of the patients.

HOUSE REFUSE, ETC., SCAVENGING.

The refuse dealt with is as follows :—

Ashbins emptied	3960
Ashpits emptied	3038
Privy Pails emptied.....	101
Privy Tanks emptied.....	137
Tubs of Slaughterhouse Garbage removed.....	103
Loads of paper removed and burnt.....	113

REPRESENTING—

Loads of Ashes tipped.....	1103
„ Night Soil.....	110
.. Trade Refuse.....	157

Houses erected now are provided with portable covered galvanised iron ashbins.

HOUSING OF WORKING CLASSES ACTS, 1890 TO 1909.

The work under this head is summarized as follows :—

Number of Dwelling-houses inspected.....	67
„ „ considered unfit for habitation	0
„ Closing Orders issued.....	0
„ Dwelling-houses remedied without Closing Orders	9

The defects found were :—

DEFAULT OF OWNERS :

Defective plastering	1
„ slopstone pipes.....	3
„ rain water pipe.....	1
„ floor flags.....	2

DEFAULT OF OCCUPIERS :

Houses requiring limewashing and cleaning.....	3
Closets " " " "	1
Offensive accumulations.....	3
Overcrowded houses.....	1

All of which have been remedied.

Yours faithfully,

F. SUTCLIFFE,

INSPECTOR OF NUISANCES.

During 1913 the following plans have been approved :—

4 Plans relating to 25 Dwelling-houses and 3 Shops.	
1 Plan " " " "	1 Estate Plans.
1 " " " "	2 Sculleries.
8 Plans " " " "	3 Alterations.
8 " " " "	8 Miscellaneous Erections.

At the end of the year 74 houses had been certified for habitation, and 8 were in the course of erection.

Yours faithfully,

F. SUTCLIFFE,

SURVEYOR.